



DT02 Rec'd PCT/PTO 3 1 JAN 2005  
1010 Pennsylvania Avenue, NW  
Washington, DC 20007-3213  
T 202.293.7060  
F 202.293.7860  
[www.sughrue.com](http://www.sughrue.com)

January 31, 2005

**MAIL STOP PCT**  
Commissioner for Patents  
**P.O. BOX 1450**  
**Alexandria, VA 22313-1450**

PCT/JP03/09655  
-filed July 30, 2003

Re: Application of Osamu NOMURA, Masamichi TAKAI, Masaru KURISAKI,  
Hidetaka OGINO, Toshio HORIUCHI and Shinsuke INOUE  
CASTING NOZZLE  
**Assignee: SHINAGAWA REFRactories CO., LTD.**  
Our Ref: Q86054

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- an English translation of the International Application.
  - fifteen (15) sheets of drawings (figs 1-14D).
  - a Preliminary Amendment.
  - Notification Concerning Submission or Transmittal of Priority Document.
  - a International Search Report, Information Disclosure Statement and a PTO/SB/O8 A & B (modified) listing the ISR references
  - it is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f)**

It is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

The Government filing fee is calculated as follows:

10/522680

DT12 Rec'd PCT/PTO 31 JAN 2005



Q86054

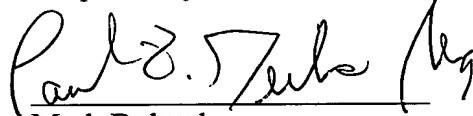
Page 2

A check for the statutory filing fee of \$1000.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2002-222704	July 31, 2002
Japan	2002-343684	November 27, 2002
Japan	2003-047889	February 25, 2003
Japan	2003-077905	March 20, 2003

Respectfully submitted,

  
Mark Boland  
Registration No. 32,197

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: January 31, 2005

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q86054

Osamu NOMURA , et al.

Appln. No.: 10/522,680

Group Art Unit: not yet assigned

Confirmation No.: 1762

Examiner: not yet assigned

Filed: January 31, 2005

For: CASTING NOZZLE

**SUBMISSION OF REPLACEMENT DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith please find fifteen (15) sheets (Figures 1-14) of replacement drawings in compliance with 37 C.F.R. § 1.84. The Examiner is respectfully requested to acknowledge receipt of these drawings.

The submitted drawings are intended to replace the drawings previously submitted on January 31, 2005.

Respectfully submitted,



Mark Boland  
Registration No. 32,197

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: October 18, 2005